

IN THE CLAIMS

Please amend the claims as follows:

Claims 1-91 have been cancelled, please add new claims 92-124.

92. (new) An energy management device for use in an energy management architecture for managing the flow of energy in an energy distribution system, said energy management architecture comprising a network, said energy management device comprising:
 - a sensor coupled with said energy distribution system and operative to measure an energy parameter from said energy distribution system;
 - a processor coupled with said sensor and operative to generate power management data based on said measured energy parameter; and
 - a network interface coupled with said processor and said network and operative to facilitate communications of said power management data over said network, wherein said network interface comprises a cellular modem.
93. (new) The energy management device of claim 92, wherein said energy distribution system comprises an electrical power distribution network.
94. (new) The energy management device of claim 92, wherein said network interface further comprises at least one of an Ethernet interface, a wired modem, Bluetooth, or an AC power line data network interface.
95. (new) The energy management device of claim 94, wherein said wired modem comprises at least one of a modem using the serial line interface protocol ("SLIP"), a modem using point to point protocol ("PPP"), an integrated services digital network ("ISDN") modem, or digital subscriber line ("DSL") modem.
96. (new) The energy management device of claim 92, wherein said cellular modem is operative to determine a geographical location of the energy management device.

97. (new) The energy management device of claim 96, wherein said geographical location is determined by RF triangulation.
98. (new) The energy management device of claim 96, wherein said geographical location is communicated with said power management data over said network.
99. (new) The energy management device of claim 98, wherein said power management data is authenticated based on said geographical location.
100. (new) The energy management device of claim 92, wherein said communications over said network interface are via Transmission Control Protocol/Internet Protocol ("TCP/IP").
101. (new) An energy management architecture for managing the flow of energy in an energy distribution system comprising:
 - a network;
 - at least one energy management device coupled with a portion of said energy distribution network, each of said at least one energy management device operative to at least one of generate power management data or respond to a power management command, each of said at least one energy management devices comprising:
 - a processor operative to process at least one of said power management data or said power management command; and
 - a network interface operative to couple said processor and said network, further operative to at least one of facilitate transmission of said power management data over said network, or receive said power management command over said network, wherein said network interface comprises a cellular modem coupling said processor and said network;
 - said architecture further comprising:
 - a power management application coupled with said network and operative to at least one of receive and process said power management data from said at least one energy management device, or generate said at least one power management command to said at least one energy management device.

102. (new) The energy management architecture of claim 101, wherein said energy distribution system comprises an electrical power distribution network.
103. (new) The energy management architecture of claim 101, wherein said network interface further comprises at least one of an Ethernet interface, a wired modem, Bluetooth, or an AC power line data network interface.
104. (new) The energy management architecture of claim 103, wherein said wired modem comprises at least one of a modem using the serial line interface protocol ("SLIP"), a modem using point to point protocol ("PPP"), an integrated services digital network ("ISDN") modem, or digital subscriber line ("DSL") modem.
105. (new) The energy management architecture of claim 101, wherein said cellular modem is operative to determine a geographical location of the energy management device.
106. (new) The energy management architecture of claim 105, wherein said geographical location is determined by RF triangulation.
107. (new) The energy management architecture of claim 105, wherein said geographical location is communicated with said power management data over said network
108. (new) The energy management architecture of claim 107, wherein said power management data is authenticated based on said geographical location.
109. (new) The energy management architecture of claim 101, wherein said communications over said network interface are via Transmission Control Protocol/Internet Protocol ("TCP/IP").
110. (new) A method of managing an energy distribution system, said energy distribution system comprising a network, at least one energy management device coupled with said energy distribution system and further coupled to said network, said method comprising:
 - implementing a power management function with each of said at least one energy management device wherein said power management function comprises at least one of generating power management data, receiving power management data,

generating a power management command, or receiving a power management command;

transmitting at least one of said power management data or said power management command over said network by a cellular modem wherein said energy management device is coupled to said network by said cellular modem.

111. (new) The method of claim 110, wherein said energy distribution system comprises an electrical power distribution network.
112. (new) The method of claim 110, wherein said network is further coupled to said energy management device by at least one of an Ethernet interface, a wired modem, Bluetooth, or an AC power line data network interface.
113. (new) The method of claim 112, wherein said wired modem comprises at least one of a modem using the serial line interface protocol ("SLIP"), a modem using point to point protocol ("PPP"), an integrated services digital network ("ISDN") modem, or digital subscriber line ("DSL") modem.
114. (new) The method of claim 110, wherein said cellular modem is operative to determine a geographical location of the energy management device.
115. (new) The method of claim 114, wherein said geographical location is determined by RF triangulation.
116. (new) The method of claim 114, wherein said geographical location is communicated with said power management data or said power management command over said network.
117. (new) The method of claim 116, wherein at least one of said power management data or said power management command is authenticated based on said geographical location.
118. (new) An energy management device for use in an energy management architecture for managing the flow of energy in an energy distribution system, said energy management architecture comprising a network, said energy management device comprising:

a sensor coupled with said energy distribution system and operative to measure an energy parameter from said energy distribution system;

a processor coupled with said sensor and operative to generate power management data based on said measured energy parameter; and

a network interface coupled with said processor and said network and operative to facilitate communications of said power management data over said network, wherein said network interface comprises a wireless connection to said network.

119. (new) The energy management device of claim 118, wherein said energy distribution system comprises an electrical power distribution network.
120. (new) The energy management device of claim 118, wherein said network interface comprises at least one of an Ethernet interface, a cellular modem, a wired modem, Bluetooth, or an AC power line data network interface.
121. (new) The energy management device of claim 120, wherein said wired modem comprises at least one of a modem using the serial line interface protocol ("SLIP"), a modem using point to point protocol ("PPP"), an integrated services digital network ("ISDN") modem, or digital subscriber line ("DSL") modem.
122. (new) The energy management device of claim 120, wherein said cellular modem is operative to determine a geographical location of the energy management device.
123. (new) The energy management device of claim 122, wherein said geographical location is determined by RF triangulation.
124. (new) The energy management device of claim 118, wherein said communications over said network interface are via Transmission Control Protocol/Internet Protocol ("TCP/IP").